

MAXIM• PACKAGED GAS/OIL WATER HEATER

NICKELSHIELD® NICKEL-PLATED STORAGE TANK

250 GALLON TANK SERIES

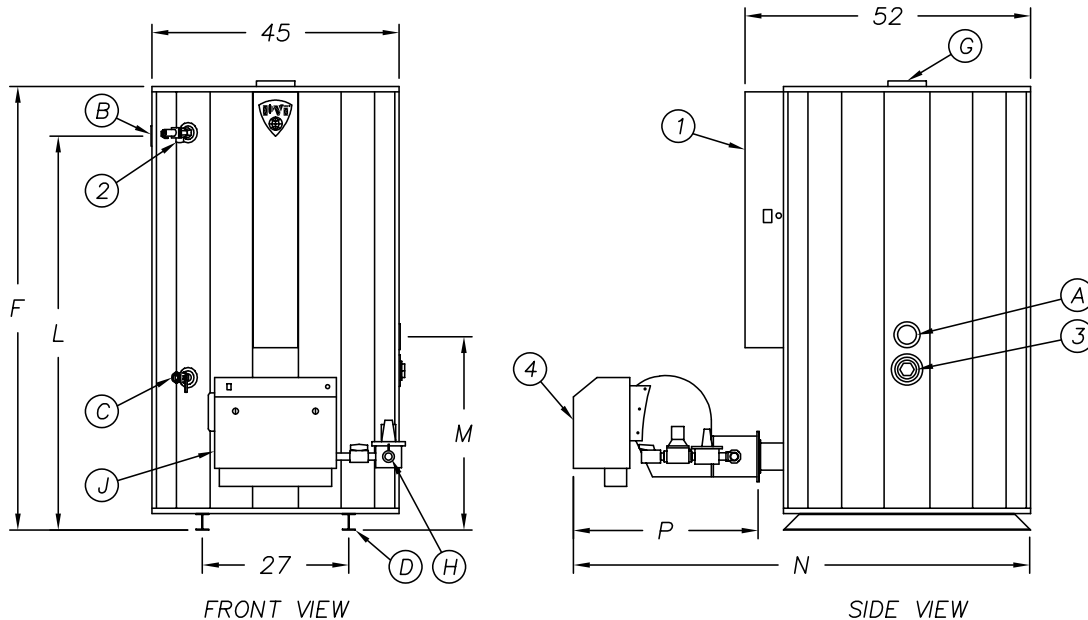
MODEL NUMBER ►	40-2.8 N 250A-PGO	54-3.8 N 250A-PGO	72-5.0 N 250A-PGO
GPH Recovery at 40° to 120° F	500	670	900
GPH Recovery at 40° to 140° F	400	540	720
Input Btu/h	400,000	540,000	720,000
Input, gph #2 Fuel Oil	2.8	3.8	5.0
A Cold Inlet - NPT	2	2	2
B Hot Outlet - NPT	2	2	2
C Drain - NPT	1	1	1
D I - Beam Skids	3 X 45	3 X 45	3 X 45
F Overall Height	75	82	82
G Flue Outlet Diameter	7	8	10
H Gas Inlet	1	1	1
Minimum Inlet Flow Gas Pressure	4.5" W.C.	4.5" W.C.	6.5" W.C.
Maximum Static Gas Pressure	14" W.C.	14" W.C.	14" W.C.
J Oil Inlet	1/2	1/2	1/2
Motor HP 120 V, 1Ø, 60 Hz.	1/3	1/3	1/2
Motor Amps	8	8	10
L Height to Outlet	65	73	73
M Height to Inlet	28	36	36
N Overall Depth	83	83	83
P Depth of Burner Housing	31	31	31
Approx. Shipping Weight - lbs	1520	1600	1710

Recoveries based on 83% thermal efficiency. ASHRAE 90.1 compliant.

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form # PV 6679

1. Control Enclosure
2. ASME Temperature & Pressure Relief Valve
3. 3" NPT Handhole
4. Door swing requires 18" in front of the water heater



STANDARD ELECTRICAL REQUIREMENTS

CONTROL VOLTAGE: 120V, 1Ø, 60 HZ., 2 AMPS

MOTOR VOLTAGE: 120V, 1Ø, 60 HZ.

SEE ABOVE CHART FOR BLOWER MOTOR AMPS

VENTING REQUIREMENTS

-.02" TO -.06" W.C. (NEGATIVE PRESSURE).

THE ENTIRE VENT SYSTEM SHOULD NEVER BE SIZED BASED UPON THE VENT CONNECTION DIAMETER EXCLUSIVELY. FOR PROPER VENT SIZING, CONSULT THE NATIONAL FUEL GAS CODE UNDER "FAN-ASSISTED".

PVI RESERVES THE RIGHT TO CHANGE THE DESIGN AND SPECIFICATION WITHOUT NOTICE



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Product is patented in the U.S., Canada, and Mexico.

